

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 April 2003 (24.04.2003)

PCT

(10) International Publication Number
WO 03/034313 A3

(51) International Patent Classification⁷: **H04N 5/44**

(21) International Application Number: PCT/US02/33062

(22) International Filing Date: 17 October 2002 (17.10.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/347,916 18 October 2001 (18.10.2001) US

(71) Applicant: **MACROVISION CORPORATION**
[US/US]; 2830 De La Cruz Blvd., Santa Clara, CA
95050 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventor: **CAPITANT, Patrice**; 305 Cuesta Drive, Los Altos, CA 94024 (US).

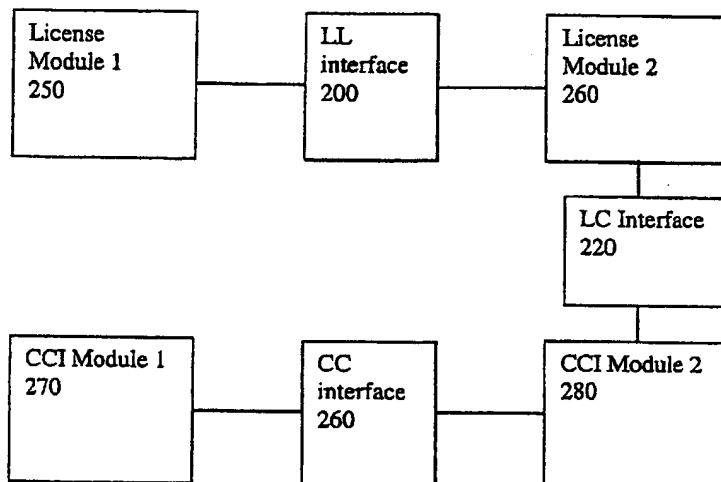
(74) Agent: **NGUYEN, Frank**; For Macrovision Corporation, 2830 de la Cruz Blvd., Santa Clara, CA 94050 (US).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: **SYSTEMS AND METHODS FOR PROVIDING DIGITAL RIGHTS MANAGEMENT COMPATIBILITY**



(57) Abstract: A digital rights management (DRM) system includes one or more conditional access devices (such as copy control information (CCI) compliant devices); one or more license (L) compliant devices adapted to interoperate with the one or more conditional access devices, each L-compliant device and conditional access device sharing a common content access protocol and access information, and an initiator coupled to the one or more L-compliant devices to initialize one or more of the L-compliant devices.

WO 03/034313 A3



(88) Date of publication of the international search report:
3 July 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 02/33062

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N5/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N 606F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 47627 A (DEUTSCHES KREBSFORSCH ; BASF AG (DE); EIPEL HEINZ (DE); BEIER MARKU) 5 July 2001 (2001-07-05) page 3, line 26 -page 4, line 28 page 6, line 13 -page 8, line 27	1, 10, 13, 21, 25
A	WO 01 37548 A (SCM MICROSYSTEMS GMBH) 25 May 2001 (2001-05-25) page 3, line 10 -page 4, line 7 page 7, line 1 - line 19 page 19, line 15 -page 23, line 4 figures 12-14	1, 10, 13, 21, 25
A	EP 0 964 573 A (THOMSON MULTIMEDIA SA) 15 December 1999 (1999-12-15) abstract	1

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "Z" document member of the same patent family

Date of the actual completion of the international search

8 May 2003

Date of mailing of the international search report

14/05/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Papastefanou, E

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/33062

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0147627	A	05-07-2001	DE 19962803 A1	05-07-2001
			AU 3164701 A	09-07-2001
			CA 2396721 A1	05-07-2001
			WO 0147627 A1	05-07-2001
			EP 1242177 A1	25-09-2002
			NO 20023002 A	21-08-2002
WO 0137548	A	25-05-2001	WO 0137548 A2	25-05-2001
EP 0964573	A	15-12-1999	EP 0964573 A1	15-12-1999
			CN 1239375 A	22-12-1999
			EP 0964574 A1	15-12-1999
			JP 2000069451 A	03-03-2000
			KR 2000005735 A	25-01-2000
			US 6543050 B1	01-04-2003
			ZA 9903666 A	02-12-1999